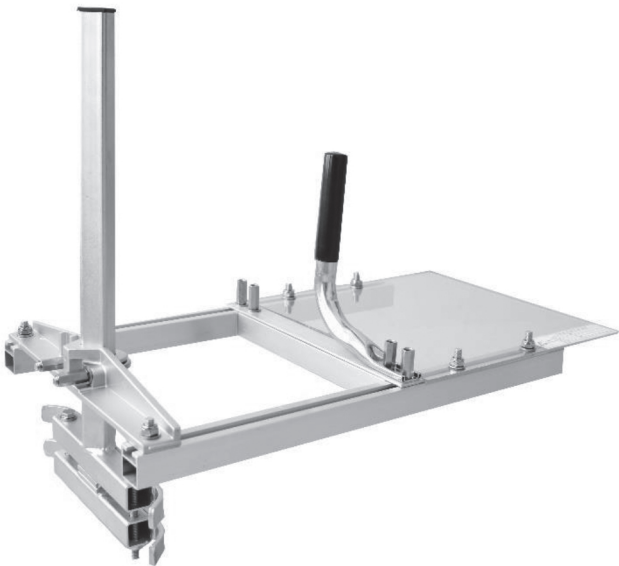




Owner’s Manual

Copyright © October 2021 Star Asia LLC

20 in. Small Portable Chainsaw Sawmill
85133



TECHNICAL SPECIFICATIONS

Item	Description
Size	20 in.
Fits With	Chainsaw bars up to 20 in. 50cc displacement or greater
Thickness of Cut	Cuts plank thicknesses from ½ in. up to 13 in.
Length of Log	Cuts any length of log up to 18 in. diameter



WARNING:

Read carefully and understand **ALL INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

DISCLAIMER

This sawmill, its options, and accessories are extremely dangerous and can cause severe injury or death. To avoid serious injury, the equipment must always be handled, operated and stored with the utmost care and good judgment and in accordance with all warnings, cautions, instructions and procedures contained in this manual, in the instructions enclosed with optional accessories, and on the decals on the equipment. Failure to use good judgement or to follow any of these warnings, cautions, instructions and procedures can result in severe injury or death.

Bozeman disclaims any responsibility or liability, in negligence or otherwise, for any injuries, damages or losses of any kind arising during the course of assembling, operating or handling this equipment, options, accessories or blades howsoever caused. Responsibility for final inspection of the machinery parts and components, the assembly, and maintenance and safe use of the equipment, lies solely with the person(s) who assembles and operates the equipment.

Thank you very much for choosing the Bozeman Portable Chainsaw Sawmill. For future reference, please complete the owner's purchase date: _____

Save the purchase receipt and these instructions.

It is important that you read and understand this entire manual, along with separately provided engine Operator's Manual, to become familiar with the product BEFORE YOU BEGIN USING IT.

This product is designed for certain applications only. We strongly recommend this product is not modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the product until you have first contacted Bozeman to determine if it can or should be performed on the product.

For technical questions and replacement parts, please contact your distributor or email Bozeman at: info@bozeman-us.net

INTENDED USE

This product is designed for use with your chainsaw to convert it to a portable sawmill, sawing logs while the mill is firmly supported on the log.

GENERAL SAFETY RULES



WARNING: Read and understand all instructions. Failure to follow all instructions listed herein and in the supplementary documentation may result in serious injury to the operator or other persons nearby.



WARNING: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.



WARNING: Read and follow all label warnings and instructions on the equipment.



WARNING: Only operate the chainsaw in a well-ventilated area. Carbon Monoxide produced by the engine during use can kill. Do not use indoors, near windows or in other sheltered areas.

NOTE: All Federal, State, and/or Provincial laws, and any regulations having jurisdiction covering the safety requirements for use of the machine, take precedence over the statements in this manual. Users of this machine must adhere to such regulations.

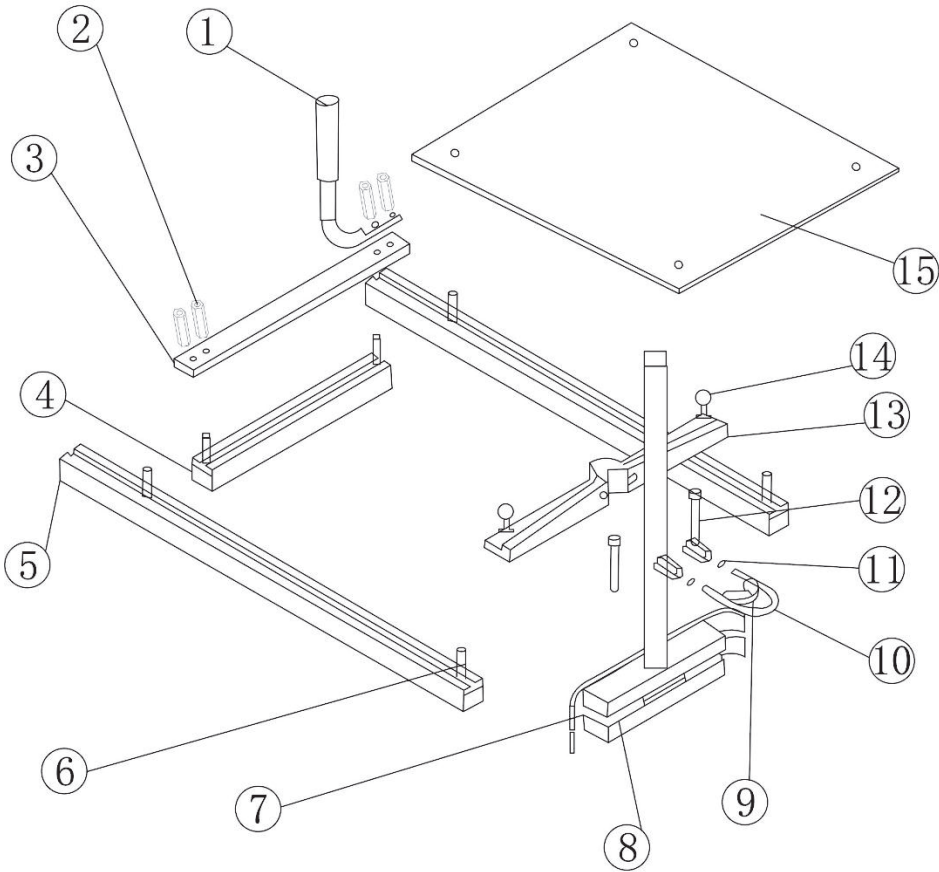
SAVE THESE INSTRUCTIONS

For your own safety and the safety of others, do not begin working with this equipment before having read and understood this entire manual, the engine manual, the instructions enclosed with optional accessories and the decals posted on the equipment. **Save all instructions for future reference**. Keep all decals in place, clean and readable. Replace any damaged or missing decals without delay.

OPERATOR SAFETY	<div><div>❶</div><div>It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.</div></div> <div><div>❶</div><div>Personal Protection Equipment (PPE) that meet applicable standards should always be worn when operating the equipment and handling your chainsaw. This include:<ul style="list-style-type: none">Wear approved hearing protection when operating the equipment.Hearing can be permanently impaired after only short exposure to high frequency sounds.Wear Approved safety goggles when working with the equipment.Wear approved protective footwear with saw protection, steel toe-cap and non-slip sole when working with the equipment.Wear respiration protection when working with the chainsaw. Long term inhalation of sawdust and the engines exhaust fumes can represent a health risk.</div></div>
WORK SITE SAFETY	<div><div>❶</div><div>Keep the work area clean, free of clutter, pets, children, obstacles, hazards or distractions.</div></div> <div><div>❶</div><div>Keep all children and animals well away from the equipment, blades and worksite.</div></div> <div><div>❶</div><div>Keep a fully stocked first aid kit visible and easily accessible at the worksite.</div></div> <div><div>❶</div><div>Never work alone. Make sure that there are other adults within hearing distance should you need to call for help.</div></div> <div><div>❶</div><div>Prior to each cut, ensure worksite is free of hazards, distractions or objects the operator may trip over.</div></div>
WARNING	<div><div>❶</div><div>WARNING: Chainsaws: Incorrect use of the equipment or unsafe handling can cause life-threatening injuries</div></div> <div><div>❶</div><div>Safety instructions are found in this section of this manual, in other sections throughout this manual, in the instructions enclosed with optional accessories and on the decals posted on the equipment.</div></div> <div><div>❶</div><div>Never us this equipment to cut anything other than clean logs or timber. Ensure logs are free from inclusions such as rocks, nails and other hard objects.</div></div> <div><div>❶</div><div>Each time prior to using the equipment, inspect the equipment for any cracks or other damage. Do not use if any parts are damaged, broken, misplaced or if it has been subjected to any dynamic shock load. Have a qualified technician inspect, repair or replace parts as needed.</div></div>

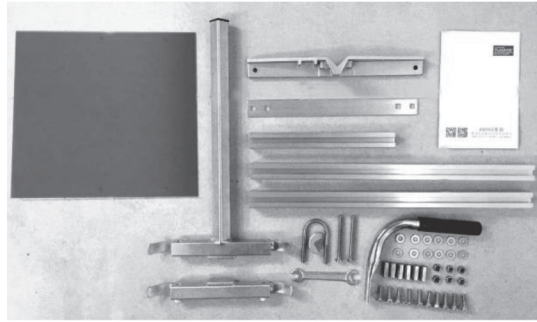
DIAGRAM & PARTS LIST

Item	Description	Qty
1	Handle	1
2	Hex Nut M8x28	6
3	Handle Rail	1
4	Center Guide Rail	1
5	Long Rail	2
6	Carriage Bolt M8x25	10
7	End Post	1
8	Bottom Bracket	1
9	U-Bolt Adaptor/Clamp	1
10	U-Bolt M8x80	1
11	Flat Washer M8	12
12	Bolt M8x73	2
13	Frame Bracket	1
14	Hex Lock Nut M8	6
15	Shield	1
16	Wrench 11mm-13mm (not shown)	1



ASSEMBLY INSTRUCTIONS

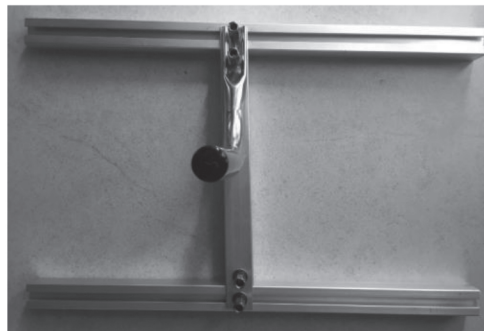
1. Empty the contents of the box and check to ensure all parts are present.



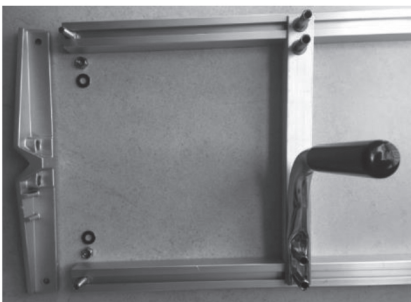
2. Attach the handle (item 1) using the handle rail (item 3), center guide rail (item 4), bolts (item 6), washers (item 11) and hex nut (item 2).



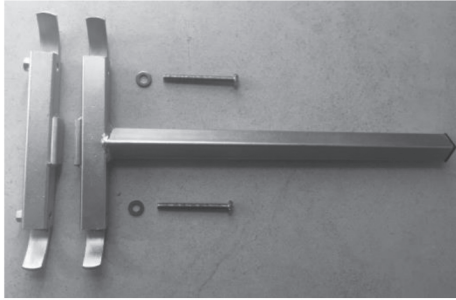
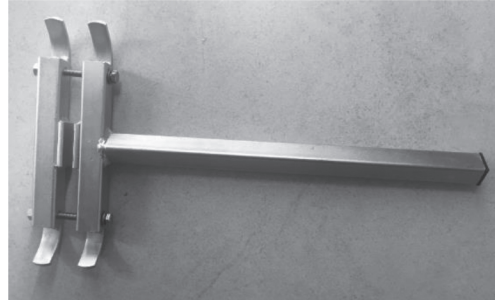
3. Attach the handle assembly to the long rail (item 5) using bolts (item 6), washers (item 11) and hex nuts (item 2). Make sure to keep the bolts and nuts loosened until assembly is complete.



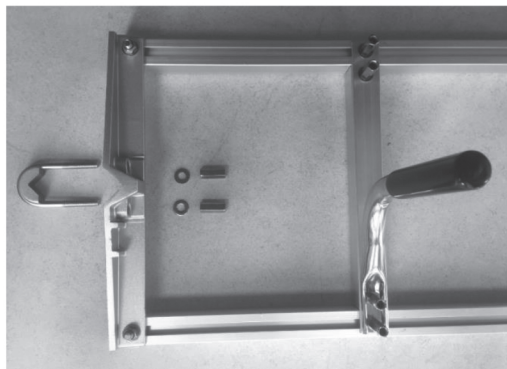
4. Attach the frame bracket (item 13) to the long rails (item 5) using the bolts (item 6), washers (item 11) and lock nuts (item 14).



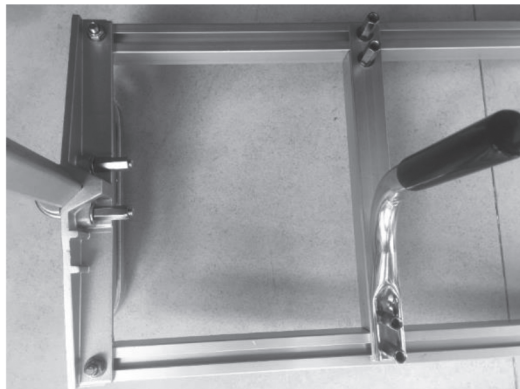
5. Attach the end post (item 7) to the bottom bracket (item 8) using the long bolts (item 12) and washers (item 11).



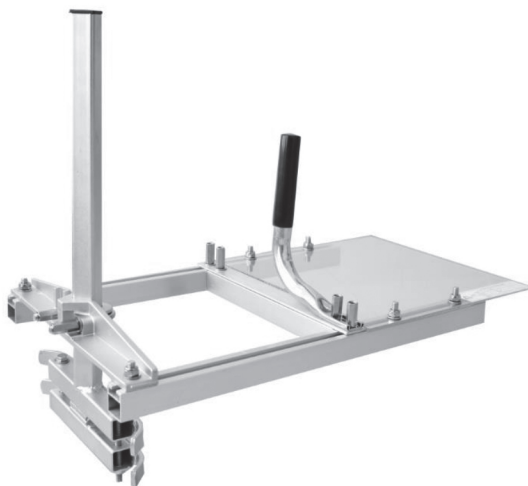
6. Attach the end post and bracket assembly to the frame bracket using U-bolt (item 10), U-bolt clamp (item 9), washers (item 11) and hex nuts (item 2). Make sure the end post assembly and U-bolts are flush with the long rails ends. Tighten hex nuts.



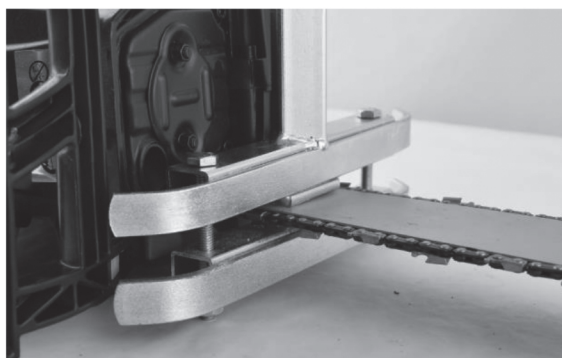
7. With the sawmill assembled, adjust the desired cutting thickness (minimum 3 in.) and tighten the nuts around the U-bolt.



8. Attach the shield (item 15) using bolts (item 6), washers (item 11) and nuts (item 14).



9. Insert chainsaw and adjust end brackets to make sure the clamps do not touch the chainsaw chain. Tighten all bolts and nuts.



OPERATION



WARNING:

NEVER assemble or dismantle any part of the portable chainsaw sawmill while the chainsaw is running!

- Be extremely careful of the chainsaw chain while the chainsaw is running.
- Be careful around the chainsaw as the edges can be sharp.